

.445/04392 A01A02

CLAIMS

1. An apparatus (100) arranged around a central axis (150) for treating urinary incontinence, comprising:
 - a ~~non-organ supporting node~~ (108) located on the central axis (150);
 - a support section (110) adapted for providing urethral support attached to said node;
 - and,
 - an anchoring section (106) adapted for resisting movement of said apparatus attached to said node;wherein said node is no longer than 30% of the entire length of said apparatus comprising said node (108), support section (110) and said anchoring section (106) together.
2. An apparatus of claim 1 wherein said node (108) is no longer than 20% of the entire length of said apparatus for treating urinary incontinence.
3. An apparatus of claim 2 wherein said node (108) is no longer than 15% of the entire length of said apparatus for treating urinary incontinence.
4. An apparatus of any of claims 1-3 wherein said support section (110) is provided with at least 2 supporting arms (114).
5. An apparatus of any of claims 1-3 wherein said anchoring section (106) is provided with at least 2 anchoring arms (112).
6. An apparatus of any of claims 1-5 further comprising a cover (900).
7. An apparatus of claim 6, wherein said cover (900) substantially encapsulates said node (108), support section (110) and said anchoring section (106).
8. An apparatus of any of claims 1-7 wherein at least said support section (110) and said anchoring section (106) are flexible.

22-06-2006

IL0500304

445/04392 A01A02

9. An apparatus of any of claims 1-7 wherein at least said node (108) is flexible.
10. An apparatus of any of claims 1-9 further comprising a device displacer (902).
11. An apparatus of claim 10 wherein said device displacer (902) is attached to said support section (110).
12. An apparatus of any of claims 4-11 further comprising support struts (320) interlinking said supporting arms (114).
13. An apparatus of any of claims 1-12 further comprising an applicator (1000) adapted to insert said apparatus into a vagina.
14. An apparatus of any of claims 1-13, wherein the apparatus (100) is symmetrically arranged around the central axis (150).
15. An apparatus of any of claims 1-14, wherein the length of the apparatus (100) is 50mm or less.
1416. An apparatus (400) for treating urinary incontinence, comprising:
 - a support section (410) adapted for providing urethral support using a plurality of outwardly extending arms (414); and
 - an extending insert (800) adapted to increase the diameter of said support section (410) by movement towards a cervix outwardly urging the arms (414).
1417. An apparatus of claim 14-16 further comprising a node (408) an anchoring section (406) adapted for resisting movement of said apparatus.
1418. An apparatus of either of claims 14-16 or 14-17 further comprising a cover (900).
1419. An apparatus of claim 14-18 wherein said cover (900) substantially encapsulates said node (408), support section (410), said anchoring section (406) and extending insert (800).

445/04392 A01A02

1820. An apparatus of any of claims ~~14~~16-17-19 further comprising a device displacer (902).

1921. An apparatus of claim ~~18~~20 wherein said device displacer (902) is attached to said support section (410).

2022. An apparatus of any of claims ~~14~~16-19-21 further comprising an applicator (1000) adapted to insert said apparatus into a vagina.

2123. An apparatus for treating urinary incontinence, comprising:
a body (400) provided with a plurality of arms (414) adapted for rendering urethral support for treating incontinence when inserted in a vagina;
an arm collapse (900); and,
a device displacer (902) coupled to the arm collapse (900) which when pulled causes: a) the arms (414) to collapse; and b) for providing movement to said the apparatus to displace.

2224. An apparatus according to claim ~~21~~23 wherein said device displacer (902) is a string.

2325. An apparatus according to claim ~~22~~24 wherein said apparatus is flexible and distorted by said string.

2426. A method of using an apparatus for the treatment of urinary incontinence, comprising:
inserting said incontinence treating apparatus (100); and,
deploying said incontinence treating apparatus (100) in a position to render mid-urethral support.

2527. A method according to claim ~~24~~26 wherein inserting is facilitated by an applicator (1000).

445/04392 A01A02

2628. A method according to claims ~~24-26~~ or ~~25-27~~ further comprising removing said apparatus.

2729. A method according to any of claims ~~24-26-28~~ wherein said removing is facilitated by a device displacer (902).

2830. An apparatus (1050) for inserting an expanding and anchoring vaginal device having a preferred deployment location, comprising:

an enclosure for containing said vaginal device; and

a stopper (1058), wherein said stopper (1058) prevents over insertion and wherein said stopper (1058) is adjustably positioned on an exterior of said enclosure.

2931. An apparatus according to claim ~~28-30~~ further comprising a plurality of selectable positions located on said apparatus such that, upon adjustably positioning said stopper (1058) in one of said positions, insertion of said apparatus into said vagina up to said stopper (1058) will result in the apparatus being in an appropriate position within said vagina for deployment.